	Application No.	Applicant(s)	
Notice of Allowability	10/052,583	GEORGAKOUDI ET AL.	
	Examiner	Art Unit	
	Fadi H. Dahbour	3743	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commining GHTS. This application is:	n this application. If not include unication will be mailed in due	ded e course. <b>THIS</b>
1. This communication is responsive to <u>amendment filed on 1</u>	<u>0/04/04.</u> .		
2. The allowed claim(s) is/are <u>1-32</u> .			
3. $\boxtimes$ The drawings filed on <u>18 January 2002</u> are accepted by the	e Examiner.		
4. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have the pri	been received. been received in Application	on No	eation from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the re	equirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			NOTICE OF
6. CORRECTED DRAWINGS ( as "replacement sheets") mus  (a) including changes required by the Notice of Draftspers  1) hereto or 2) to Paper No./Mail Date  (b) including changes required by the attached Examiner's Paper No./Mail Date  Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the	on's Patent Drawing Reviews  Amendment / Comment of  84(c)) should be written on to	r in the Office action of he drawings in the front (not th	ne back) of
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT			Note the
Attachment(s)  1. ☐ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 10/4/04  4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No 8), 7. ☐ Examiner's	oformal Patent Application (PT ummary (PTO-413), //Mail Date  Amendment/Comment  Statement of Reasons for All	

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## **DETAILED ACTION**

## Allowable Subject Matter

1. The Examiner acknowledges Applicant's submission of the amendment filed on 10/04/04.

- 2. The allowed claims are 1-32.
- 3. The following is an examiner's statement of reasons for allowance:

The prior art of record does not teach or fairly suggest the recitations of the specific features of the apparatus and method, of claims 1, 12, 17 and 28, including especially the following:

The primary reason for the allowance of independent claim 1, is the inclusion of forming a fluorescence representation and a scattered light representation as a function of wavelength form the detected fluorescent and reflected light from the tissue.

The primary reason for the allowance of independent claim 12, is the inclusion of the broadband light source generating light in the range of 330-700nm, claimed in combination with collecting scattered and fluorescent light, and providing fluorescence data and scattered light data as a function of wavelength.

The primary reason for the allowance of independent claim 17, is the inclusion of processing the fluorescence spectra and reflectance spectra to provide an intrinsic fluorescence spectrum, a diffuse reflectance spectrum, and a light scattering spectrum. The primary reason for the allowance of independent claim 28, is the inclusion of collecting scattered, fluorescent and reflected light from the tissue, and providing a fluorescence spectrum, a reflectance spectrum, and a scattered spectrum as a function of wavelength.

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4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fadi H. Dahbour whose telephone number is 571-272-4792. The examiner can normally be reached on M-F, 9am-5:30pm est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Henry A. Bennett, can be reached on (571) 272-4791. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Fadi H. Dahbour Examiner Art Unit 3743